

**What is Claimed is:**

1. A fishing reel having a gear couple comprising:
  - a first gear having a first meshing base, said first meshing base being covered by a first layer which includes the element gold disposed substantially uniformly over the meshing base;
  - a second gear having a second meshing base, said second meshing base being covered by a second layer which includes the element chromium disposed substantially uniformly over the meshing base,
- 10 wherein said first layer and said second layer engage in meshing contact.
2. The fishing reel of claim 1 further including a first intermediate layer disposed between the first meshing base and said first layer.
- 15 3. The fishing reel of claim 2 wherein the first intermediate layer is cyanide copper.
4. The fishing reel of claim 2 further including a second intermediate layer disposed between the first meshing base and said first layer.
- 20 5. The fishing reel of claim 4 wherein the second intermediate layer is acid copper sulfate.
6. The fishing reel of claim 1 further including a first intermediate layer disposed between the second meshing base and said second layer.
- 25 7. The fishing reel of claim 6 wherein the first intermediate layer is nickel.
8. The fishing reel of claim 1 wherein the first layer has a thickness of about 30 0.005mm.
9. The fishing reel of claim 1 wherein the first gear is a crown gear.

10. The fishing reel of claim 1 wherein the first gear is a spur gear.
11. The fishing reel of claim 1 wherein the first gear is made from a zinc alloy.
- 5 12. A gear couple comprising:  
a first gear having a first outer gear layer which includes gold and a second gear having a second outer gear layer which includes chromium; and  
said first gear and said second gear being disposed to form a meshing interface between the first gear layer and the second gear layer.
- 10 13. The gear couple of claim 12 further including a first intermediate layer between the first gear outer layer and a first gear surface.
- 15 14. The gear couple of claim 13 further including a second intermediate layer disposed between the first gear outer and the first gear surface.
- 15 15. The gear couple of claim 13 wherein the first intermediate layer is cyanide copper.
- 20 16. The gear couple of claim 13 wherein the first intermediate layer is acid copper sulfate.
- 25 17. The gear couple of claim 12 further including a first intermediate layer between the second gear outer layer and a second gear surface.
18. The gear couple of claim 12 wherein the first layer has a thickness of about 0.005mm.
- 30 19. The gear couple of claim 12 wherein the first gear is made from a zinc alloy.
20. The gear couple of claim 12 wherein the second gear is made from a brass alloy.